



## Lafayette Fire Department

443 North 4<sup>th</sup> Street

Lafayette, IN 47901

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### **COMMERCIAL COOKING “EXHAUST HOOD” & “DUCT” & “EXHAUST FAN” WORKSHEET**

Two copies of this worksheet must accompany plans submitted to the City of Lafayette Engineering Department for application to receive a local building permit. The worksheet needs to be completed in their entirety, and is required to assist the plan reviewer in efficiently reviewing plans and issuing permits in a timely manner. LFD will keep this document as part of the permanent project file and will use it to verify code compliance. The applicant needs ***(Owner/Occupant or System Designer)*** to sign and date the document and is responsible for assuring the accuracy and consistency of the information provided. **Plans for the Commercial Cooking Equipment Suppression System (and associated worksheet) must be submitted prior to obtaining kitchen hood building permit.**

	PROJECT INFORMATION
Business Name	
Address	
Phone Number	
Email	
New or Existing Restaurant?	
New or Existing Hood?	

#### **Owner/Occupant**

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email : \_\_\_\_\_

#### **System Designer**

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email : \_\_\_\_\_

#### **System Installer**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email : \_\_\_\_\_

#### **Manufacturer of System**

Mfg., Make & Model of Exhaust Fan : \_\_\_\_\_

Mfg., Make & Model of Kitchen Hood: \_\_\_\_\_

## **DESIGN REQUIREMENTS FOR EXHAUST HOOD(s)**

### **System Designer**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email : \_\_\_\_\_

### **System Installer**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email : \_\_\_\_\_

### **Manufacturer of System**

Mfg., Make & Model of Kitchen Hood: \_\_\_\_\_

#### **1. Are you exempt from Kitchen Exhaust Hood & Suppression Requirements? (T-507.2)**

**Yes** **No**

☐ ☐ Is this a “Church” or “Day Care” facility? (***If no, proceed to Section 2***)

***(If yes, complete remainder of Section 1)***

#### **Check *all* that apply**

a) How frequent will you be using kitchen cooking appliances?

☐ once a week or less?

☐ more than once a week?

b) Are you using “Commercial Grade” or “Residential Grade” Appliances?

☐ “Residential Grade” Cooking Appliances?

☐ “Commercial Grade” Cooking Appliances?

☐ **Both**, “Residential Grade” & “Commercial Grade” Cooking Appliances?

c) What type of cooking process will you be utilizing? (***check all that apply***)

☐ “**Warming**” of food?

☐ “**Cooking**” of food?

☐ “**Frying**” of food?

#### **2. “Type I” or “Type II” Hood(s)?**

☐ ☐ ☐ **Type I Hood** - Collecting and removal of grease and smoke (IMC 507.2.1)

☐ ☐ ☐ **Type I Hood** (***Solid Fuel***) - Collecting and removal of grease and smoke

(***Separate or “Independent” Hood Provided?***) (IMC 506.3.5.4)

- ☐ ☐ ☐ **Type II Hood** - Collecting and removal of steam, vapor, heat, or odors.(IMC 507.2.2)  
(**Not required for**: countertop electrically heated appliances such as:  
Toasters, steam tables, popcorn poppers, hot dog cookers, coffee  
Makers, rice cookers, egg cookers, and holding/warming oven.

(Additional heat and moisture loads generated by such  
appliances shall be accounted for in the design of the HVAC  
System) (IMC 507.2.2)

**3. Style of Exhaust Hood(s)**

**Check all that apply**

- ☐ Wall Mounted Canopy  
☐ Single Island Canopy  
☐ Double Island Canopy  
☐ Eyebrow  
☐ Back Shelf  
☐ Pass Over

**4. “Listed” & “Labeled” Hood Requirements (IMC 507.1)**

**Yes No**

- ☐ ☐ Designed per UL 710 Standard- Exhaust Hoods for Commercial Cooking Equipment?  
☐ ☐ Hood provided with an attached label, symbol, or other identifying mark  
of the “listed” organization engaged in product evaluation?  
☐ ☐ Hood “**listing card**” provided with application?  
☐ ☐ **Detailed Information** provided on Cooking Appliances provided (see Item # 8 below)  
☐ ☐ If hood is **not listed** per UL 710 Standards, **Complete Section # 5 below.**

**5. “Unlisted” & “Unlabeled” Hood Requirements (IMC 507.13) (**Skip this section if not applicable**)**

**Yes No N/A**

- ☐ ☐ ☐ Designed per IMC 507.13 Requirements?  
☐ ☐ ☐ Detailed Information provided on Cooking Appliances “Duty Ratings” (**complete  
Section # 9 below**)

**6. Size, Location, and Outlet requirements of Hood(s )**

**Yes No**

- ☐ ☐ Detailed Drawing provided in application?  
☐ ☐ Amount of Linear Feet of Hood used in design, provided? \_\_\_\_\_ (***feet***)  
☐ ☐ 6 inch hood “overhang” from cooking appliances provided? (IMC 507.12)  
☐ ☐ Each “exhaust outlet” does not serve more than a 12-foot section of hood? (IMC 507.15)

- ☐ ☐ Maximum Distance from Cooking Surface(s) to lip of hood, per manufacturer's instructions provided? \_\_\_\_\_(inches)
- Canopy Hoods (*4 feet maximum distance*) (IMC 507.12)
  - Non-Canopy Hoods (*3 feet maximum distance*) (IMC 507.14)

## 7. Detailed Diagram of Cooking Equipment under hood & Appliance Type Information

Yes No N/A

- ☐ ☐ Detailed Drawings showing dimensional **location(s)** of Cooking Equipment under hood in application?
- ☐ ☐ Detailed "Appliance Type" **specification sheets** "cut sheets" provided in submittal? (IMC 202)

### Check **all** that apply

- ☐ High-heat appliance(s) (*flue temp. less than 2,000 F.*)
- ☐ Low-heat appliance(s) residential appliances (*flue temp. less than 1,000 F.*)
- ☐ Medium-heat appliance(s) (*flue temp. more than 1,000 F., but less than 2,000 F.*)
- ☐ ☐ Hood Front Face Length of Hood (in linear feet) "details" provided in Section 6?
- ☐ ☐ ☐ Electric Cooking Equipment designed to UL 197 Standards?
- ☐ ☐ ☐ Gas Cooking Equipment designed to UL 795 or ANSI Z83 Standards?
- ☐ ☐ ☐ Wood Fired Cooking Equipment designed to UL 2162 Standards?

## 8. Appliance Duty Rating Classification(s) ("Listed" Hood Classification provided by Mfg)(IMC 507.13)

Yes No N/A

- ☐ ☐ ☐ **Extra Heavy Duty** -**Must have "separate" exhaust hood** (per IMC 506.2.3)
- ☐ ☐ ☐ **Heavy Duty**
- ☐ ☐ ☐ **Medium Duty**
- ☐ ☐ ☐ **Light Duty**

## 9. Appliance Duty Rating Classification(s) ("ASHRAE Standard 154")

Yes No N/A

- ☐ ☐ ☐ **Extra Heavy Duty** (*Solid Fuel- Charcoal, Briquettes, or Wood*)  
- **Must have "separate" exhaust hood** (per IMC 506.2.3)
- ☐ ☐ ☐ **Heavy Duty**  
- *Electric & Gas Broilers, Electric & Gas Conveyor Boilers, Gas Open-Burner Ranges (with or without oven), Electric & Gas Wok Ranges, Salamanders*
- ☐ ☐ ☐ **Medium Duty**  
- *Electric & Gas Ranges (with or without oven), Electric & Gas Griddles, Electric & Gas Fryers (including donut fryers), Electric & Gas Pasta Cookers, Electric & Gas Conveyor Pizza Ovens, Electric & Gas Rotisseries*

☐ ☐ ☐ **Light Duty**

- *Gas & Electric Ovens, Electric & Gas Steam-Jacketed Kettles, Electric & Gas Steamers, Electric & Gas Cheesemelters.*

**10. Ductless Hoods (*Skip this section if not applicable*)**

**Yes** **No** **N/A**

- ☐ ☐ ☐ Designed in accordance with UL 710B Standards?  
☐ ☐ ☐ Listed Information provided in application?  
☐ ☐ ☐ Manufacturer's information provided in application?

**11. Hood Material and Gage**

**Type I Hoods**

**Yes** **No** **N/A**

- ☐ ☐ ☐ Minimum 20 Gage- Stainless Steel, provided? (IMC 507.4)  
☐ ☐ ☐ External hood joints, seams and penetrations welded, & sealed grease-tight?  
(IMC 507.7.1)  
☐ ☐ ☐ Internal hood joints, seams, penetrations, filter support frames and other appendages  
attached inside the hood sealed grease-tight? (IMC 507.7.1)

**Type II Hoods**

**Yes** **No** **N/A**

- ☐ ☐ ☐ Minimum 24 Gage- Stainless Steel, provided? (IMC 507.5)  
☐ ☐ ☐ Joints, seams, and penetrations water tight? (IMC 507.7.2)

**12. Hood Supports (IMC 507.6)**

**Yes** **No**

- ☐ ☐ Type I Hoods secured in place by non-combustible supports? (IMC 507.6)  
☐ ☐ All hoods shall be adequate for the applied load of the hood, unsupported ductwork, and  
possible weight of personnel working in or on the hood? (IMC 507.6)

**13. Hood Clearance to Combustible Materials (IMC 507.9)**

**Yes** **No** **N/A**

- ☐ ☐ ☐ 18 inches to combustible material, provided?  
☐ ☐ ☐ A non-combustible wall or panel, with a smooth, cleanable, and corrosion-resistant  
surface, provided?  
☐ ☐ ☐ 0 inches to non-combustible materials, detailed "installation specifications" provided  
with submittal?

**14. Grease Filters (IMC 507.11 & Table-507.11)**

**Yes** **No**

- ☐ ☐ Grease filters designed to meet UL 1046 Standards? (*No Mesh Filters Permitted*)  
☐ ☐ Tight-Fitting & Readily Removable without the use of tools? (IMC 507.11.1)

**Yes No**

- ☐ ☐ Drip tray provided beneath lower edge of filters and pitched to collect grease?  
(IMC 507.11.2)
- ☐ ☐ Grease gutters provided to allow access for cleaning? (IMC 507.8)
- ☐ ☐ Filters installed at an angle not less than 45 degrees from horizontal? (IMC 507.11.2)
- ☐ ☐ Drip tray provided beneath lower edge of filters and pitched to collect grease? (507.11.1)

**15. Suppression Piping Penetrations into Hood (IMC 507.7.1 & 509.1)**

**Yes No**

- ☐ ☐ Shall have liquid tight continuous external weld or be sealed by labeled device.

**16. “Compensating Hoods” -make-up air delivered directly into Canopy Hood(s) (IMC 506.3.1.2)**

**“Fire Damper” Required for:**

**Yes No N/A**

- ☐ ☐ ☐ Short-Circuit (Internal Supply Make Up Air ) Damper, provided?
- ☐ ☐ ☐ Air Curtain or Down Face Damper (Internal Supply-MUA), provided?

**17. ALL answers checked “NO”, must be provided with a detailed written narrative below:**

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Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email : \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email : \_\_\_\_\_

### 1. Duct size and requirement(s).

**Yes**   **No**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Duct size dimensions and locations shown on plans submitted?   |
| <input type="checkbox"/> | <input type="checkbox"/> | Not interconnected with any other building ventilation or exhaust system?(IMC 506.3.5)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Electrical wiring or wiring systems are not located within duct? (IMC 301.7)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Designed per UL 1978 Standards ? (IMC 304.1 & 506.3.1.1, Exception 1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Designed per manufacturer's instructions? (IMC 304.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | A copy of the "manufacturer's installation instructions" included in plan application ?<br>(IMC 304.1)   |
| <input type="checkbox"/> | <input type="checkbox"/> | A copy of the "manufacturer's installation instructions" provided to owner or representative and available on the job site at the time of inspection ? (IMC 304.1) |

## 2. Exhaust Duct Velocity (*Need Specifications on Exhaust Fan to calculate*)

**Yes**   **No**

- ☐ ☐ Sized to meet 500 feet per minute (fpm) minimum requirements? (IMC 506.3.4)

### 3. Construction “Type I Ducts” (*Not applicable for Type II Hoods*)

**Designed per which one of the following:**

Yes   No

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | .055 inch thick Steel (#16 manufacturer's standard gauge)? (IMC 506.3.1.1) |
| <input type="checkbox"/> | <input type="checkbox"/> | .044 inch thick (# 18 gauge Stainless Steel)? (IMC 506.3.1.1)              |
| <input type="checkbox"/> | <input type="checkbox"/> | Listed and labeled per UL 1978? (IMC 506.3.1.1)                            |

**Yes No**

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Labeled grease ducts installed according to mfg. recommendation provided?(IMC 304.1)                 |
| <input type="checkbox"/> | <input type="checkbox"/> | All portions of the duct “leak tight” ? (IMC 506.3.3.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | “Grease Duct Test Leakage Test” to be performed in the presence of Code Official?<br>(IMC 506.3.3.1) |
| <input type="checkbox"/> | <input type="checkbox"/> | Ducts exposed to outside atmosphere protected against corrosion (IMC 506.8.3)?                       |
| <input type="checkbox"/> | <input type="checkbox"/> | Duct-to-hood joints designed per Code? (IMC 506.3.2.2)   |

☐ ☐ Duct bracing & support shall not penetrate duct walls? (IMC 506.9.1)

**4. Duct(s) penetrating fire-resistive construction: (IMC 506.3.10)**

**Yes No N/A**

- ☐ ☐ ☐ Interior Floor(s) greater than 2 stories shall be in fire- rated shaft enclosures, with access openings on every floor?
- ☐ ☐ ☐ Exterior Wall penetrations allowed only in locations allowed as “unprotected openings” per the *Indiana Building Code*?
- ☐ ☐ ☐ Ducts **shall not** pass through Vertical Fire Barrier Walls or Fire Walls, unless:
- Protected by a shaft enclosure protected with a through-penetration fire stop system (TPFS) in accordance with ASTM E 814 & having a “F” and “T” rating equal to fire rating of the assembly? (IMC 506.3.10)
  - Having a “**pre-fabricated**” grease duct enclosure in accordance with UL 2221, and being protected with a TPFS system in accordance with ASTM E 814 & having a “F” and “T”? (IMC 506.3.10)
  - Will provide a copy of the “manufacturer’s installation instructions” and “listing” (*cut sheet*) with application? (IMC 304.1)

**5. Type I Duct(s) “Clearance to Combustibles”:**

**Yes No N/A**

- ☐ ☐ ☐ 18 inches to combustible material? (IMC 506.4, 506.5.4, & 506.3.1.2)
- ☐ ☐ ☐ 0 inches to noncombustible material? (Listed Duct Wrap) (IMC 506.3.1.2)
- ☐ ☐ ☐ Fire-resistance Duct Wrap Materials “Listings” & “*Manufacturers Installation Instructions*” *included with plan submittal*? (IMC 304.1)
- ☐ ☐ ☐ Rated Shaft Enclosure provided? (IMC 506.3.10)

**6. Access Panel Openings for Inspection and Maintenance of Grease Ducts:**

**Yes No N/A**

- ☐ ☐ ☐ Same material and thickness as duct?
- ☐ ☐ ☐ Provided with “tight-fitting” sliding or hinged doors? (IMC 506.3.11)
- ☐ ☐ ☐ Exhaust ducts in concealed locations, shall be indicated by permanent labels or tags installed in observable locations? (IMC 504.6.1)
- ☐ ☐ ☐ “Listed” Grease Tight Gasket and Sealant provided on openings? (IMC 506.3.8)
- ☐ ☐ ☐ Access doors shall not have fasteners that penetrate the duct, and operable without the use of a tool ? (IMC 506.3.8)
- ☐ ☐ ☐ To be installed according to mfg. instructions & **copies of listing provided in application packet?** (IMC 304.1)
- ☐ ☐ ☐ Sign posted on all access panels marked “**Access Panel- Do Not obstruct**”? (IMC 506.3.11)
- ☐ ☐ ☐ Horizontal Sections of Duct- access panels spaced not more than 20 feet apart? (IMC 506.3.9)
- ☐ ☐ ☐ Vertical Sections, access panels provided at the top of the vertical riser, and at each floor level in multi-story buildings? (IMC 506.3.11)
- ☐ ☐ ☐ Access Panel(s) provided at each changes of direction?



- |                          |                          |                          |   |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>Minimum dimension</u></b> of “ <u>side openings</u> ” shall be 12 inches on each side? If can’t provide minimum dimension, duct openings shall be located on the <u>top of the duct</u> (IMC 506.3.9) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cleanouts located on the <u>top of duct</u> , shall meet a minimum of 1 inch from the sides of the duct, and shall be readily accessible for maintenance? (IMC 506.3.9)                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | At least one (1)- 20 inches by 20 inches “opening” located where ductwork is large enough to allow entry of personnel, with adequate supports? (IMC 506.3.8.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cleanouts located on the <u>side of ducts</u> , shall be greater than 1.5 inches above bottom of the duct, and not closer than 1 inch to the top of the duct ? (IMC 506.3.9)                                |

**7. Prevention of Grease Accumulation in horizontal ducts (Slope Requirements)(IMC 506.3.7)**

**Yes   No   N/A**

- |                          |                          |                          |  |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Slope of ¼ inch per lineal foot toward hood or approved grease reservoir?            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Greater than 75 feet horizontal length, Slope of 1 inch per lineal foot toward hood? |

**8. ALL answers checked “NO”, must be provided with a detailed written narrative below:**

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# **DESIGN REQUIREMENTS FOR EXHAUST FAN(S)**

## **System Designer**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email : \_\_\_\_\_

## **System Installer**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email : \_\_\_\_\_

## **Fan Specifications**

Manufacturer: \_\_\_\_\_  
Make & Model of Fan: \_\_\_\_\_

### **1. Listed and Labeled Fan**

**Yes No**

- ☐ ☐ Designed per UL 762 Standard- Restaurant Exhaust Appliances? (IMC 506.5.1)  
☐ ☐ Equipment or materials has been attached a label, symbol, or other identifying mark of the organization engaged in product evaluation? (IMC 506.5)

### **2. Hood Controls (*Electrical*)**

**Yes No**

- ☐ ☐ Make-up fan(s) “ **electrically interlocked**” to operate whenever cooking operations occur and automatically controlled to start and operate simultaneously with exhaust system? (*including “Kitchen” HVAC air supplied at no more than 20%*) (IMC 507.2.1.1 & 508.1)  
☐ ☐ Make-up fan “interlocked” with fire suppression system to shut down when suppression system activates? (IMC 508.1)  
☐ ☐ Exhaust fans continue to operate after the fire extinguishment system activates & supply fans serving exhaust hood assemblies with integrated supply air plenums shall be shut off with the fire-extinguishing equipment is activated.  
☐ ☐ Fire Alarm(*where required*) is activated upon automatic or manual activation of suppression system? (IFC 907.14)  
☐ ☐ Gas and/or Electric Cooking Equipment located under hood shall shut down upon suppression activation (& shall require manual resetting prior to fuel or power restoration)? (IFC 904.11.2)

### 3. Fan Selection

Minimum "**Exhaust Flow Requirements**" (*information required for **each** independent hood system*)

**Yes** **No**

☐ ☐ \_\_\_\_\_ CFM/ linear foot required (*per listing provided by manufacturer, or IMC 507.13*)

☐ ☐ Minimum Exhaust "Duct Velocity" Requirements (*500 fpm*)

☐ ☐ **Actual** Exhaust "Duct Velocity" per design \_\_\_\_\_ fpm.

☐ ☐ **Listed Information** "*cut sheet*" provided in application?

☐ ☐ **Manufacturer's installation instructions** provided in application?

Minimum "**Make-up Air Flow Requirements**". (IMC 508.1)

**Yes** **No**

☐ ☐ \_\_\_\_\_ CFM required (*per listing provided by manufacturer*)

☐ ☐ Maximum 20% of required CFM delivered through Kitchen HVAC, ("*interlocked*" to "*automatically*" operate during cooking operations).(IMC 505.2)

☐ ☐ Amount of make-up air supplied shall be approximately equal to the amount of exhaust air?

☐ ☐ Tempered Makeup air provided? (**makeup air shall not exceed 10 degrees F conditioned space air**)? (IMC 508.1.1)

- **Exception**: *Short-Circuit Make up air delivered within the hood cavity, need not be tempered, except as required per manufacturer's instructions.*

### 4. Termination of Fan

**Yes** **No**

☐ ☐ Roof-top Termination? ( **If yes, Complete Section #5 below**)

☐ ☐ Wall Termination? ( **If yes, Complete Section # 6 below**)

### 5. Roof-top Termination(s)

**Yes** **No** **N/A**

☐ ☐ ☐ Exhaust Outlets terminate more than 40 inches above roof? (IMC 506.3.12.1)

☐ ☐ ☐ Exhaust Outlets terminations shall not be directed towards nor impinge on any structure? (IMC 506.3.12.3)

☐ ☐ ☐ Provided with a grease drain system to a rainproof collection container or remote grease trap? (IMC 506.5.2)

☐ ☐ ☐ Hinged Kit provided permit proper inspection and cleaning (IMC 506.5.3)

☐ ☐ ☐ Flexible weatherproof electrical cable to permit proper inspection and cleaning (IMC 506.5.3)

**Clearance(s)**

**Yes No N/A**

- ☐ ☐ ☐ **Minimum 10 feet of horizontal clearance to:**(IMC 506.3.12.3 & 508.1& 401.4)
- Contiguous and/or adjacent buildings, property lines, and above adjoining grade level.
  - Air Intakes Openings : minimum of 10 feet horizontal & 3 feet above

- ☐ ☐ ☐ **Minimum of 5 feet of clearance from:** (IMC 506.3.12.3)
- Contiguous and/or adjacent buildings, air intakes, property lines, and above adjoining grade level, **when exhaust outlet discharges away from such locations.**

**Safe Access (IMC 306.5):**

**Yes No N/A**

- ☐ ☐ ☐ Equipment located on structures 16 feet in height or greater, require permanent ladders?
- ☐ ☐ ☐ Equipment located on sloped roofs” greater than 25 percent (*3 in 12*) at any height, are required to have a platform not less than 30 inches in any dimension and provided with guardrails not less than 42 inches above the platform? Access to equipment platforms shall not require walking on roofs have a slope greater than 33 percent (*4 in 12*)?
- ☐ ☐ ☐ Equipment located outside of roofline, shall be provided with safe access and work platform for service, repair, and maintenance.
- ☐ ☐ ☐ A receptacle outlet shall be provided at or near the equipment (IMC 306.5.2)

**6. Wall Termination(s) (IMC 506.3.12.2)**

**Yes No N/A**

- ☐ ☐ ☐ Exhaust Outlets terminations shall not be directed towards nor impinge on any structure? (IMC 506.3.12.3)
- ☐ ☐ ☐ Provided with a grease drain system to a rainproof collection container or remote grease trap? (IMC 506.5.2)
- ☐ ☐ ☐ Hinged Kit provided permit proper inspection and cleaning (IMC 506.5.3)
- ☐ ☐ ☐ Flexible weatherproof electrical cable to permit proper inspection and cleaning (IMC 506.5.3)

**Clearance(s) (IMC 506.3.12)**

**Yes No N/A**

- ☐ ☐ ☐ Permitted where does not create public nuisance or fire hazard?
- ☐ ☐ ☐ Shall not be located where “protected openings” are required per IBC?
- ☐ ☐ ☐ Shall not be located within 3 feet of exterior openings (window, doors, HVAC)?
- ☐ ☐ ☐ **Minimum 10 feet of horizontal clearance to:** (IMC 506.3.12.3)
- Contiguous and/or adjacent buildings, property lines, and above adjoining grade level.
  - Air Intakes Openings : minimum of 10 feet horizontal & 3 feet above

- ☐ ☐ ☐ **Minimum of 5 feet of clearance from:** (IMC 506.3.12.3)
- Contiguous and/or adjacent buildings, air intakes, property lines, and above adjoining grade level, **when exhaust outlet discharges away from such locations.**
- ☐ ☐ ☐ **Minimum of 3 feet of clearance of exterior openings** (*windows, doors*)?

**Safe Access (IMC 306.5):**

**Yes** **No** **N/A**

- ☐ ☐ ☐ Equipment located outside of roofline, shall be provided with safe access and work surface for inspection and cleaning?
- ☐ ☐ ☐ A receptacle outlet shall be provided at or near the equipment (IMC 306.5.2)

**7. ALL answers checked “NO”, must be provided with a detailed written narrative below:**

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